

04-15-05

PTO/SB/21 (03-03)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	10/735,355
Filing Date	Dec. 12, 2003
First Named Inventor	Zhongze Wang
Art Unit	2812
Examiner Name	J. Kennedy
Attorney Docket Number	MI22-2457

ENCLOSURES (Check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to a Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please Identify below): Return Receipt Postcard; Form PTO-1449; Cited References (6)
<input type="checkbox"/> Remarks Additional Enclosure: A \$180.00 Check <p style="text-align: center;">EV549572096</p>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual	Mark S. Matkin, Reg. No. 32,268 Wells St. John, P.S.
Signature	
Date	5/14/15/05

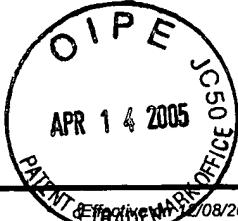
CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: _____

Typed or printed	Jim Tidrick
Signature	
Date	4-14-05

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).
Effective 10/08/2004.

FEE TRANSMITTAL For FY 2005

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)
180.00

Complete if Known

Application Number	10/735,355
Filing Date	12/12/2003
First Named Inventor	Zhongze Wang
Examiner Name	J. Kennedy
Art Unit	2812
Attorney Docket No.	MI22-2457

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order None Other (please identify): _____

Deposit Account Deposit Account Number: 23-0925 Deposit Account Name: Wells St. John, P.S.

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee
 Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity	Fee (\$)	Small Entity	Fee (\$)	Small Entity	
Utility	300	150	500	250	200	100	_____
Design	200	100	100	50	130	65	_____
Plant	200	100	300	150	160	80	_____
Reissue	300	150	500	250	600	300	_____
Provisional	200	100	0	0	0	0	_____

2. EXCESS CLAIM FEES

Fee Description

Each claim over 20 (including Reissues)

Each independent claim over 3 (including Reissues)

Multiple dependent claims

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Small Entity	Fee (\$)
- 20 or HP =	x	=	50	25	

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims	Fee (\$)	Fee Paid (\$)
- 3 or HP =	x	=	200	100	360	180

HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =	/ 50 =	(round up to a whole number) x	=	

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): Supplemental Information Disclosure Statement

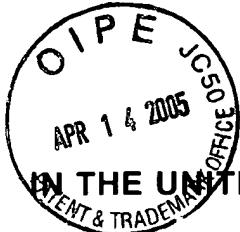
\$180.00

SUBMITTED BY

Signature		Registration No. (Attorney/Agent) 32,268	Telephone 509-624-4276
Name (Print/Type)	Mark S. Matkin	Date <u>4-15-05</u>	

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application Serial No. 10/735,355
Filing Date December 12, 2003
Inventorship Zhongze Wang
Assignee Micron Technology, Inc.
Group Art Unit 2811
Examiner J. Kennedy
Attorney's Docket No. MI22-2457
Title Wafer Bonding Method of Forming Silicon-On-Insulator Comprising Integrated Circuitry

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

References - See Attached Form PTO-1449

In compliance with 37 C.F.R. §§ 1.56, 1.97 and 1.98, your attention is directed to the United States patents and other references listed on the attached Form PTO-1449. Copies of the cited art are not included (1276 Off. Gaz. Pat. Off 55, 05 August 2003). No admission is made regarding whether all the submitted references are prior art.

EV549572093

Respectfully submitted,

Dated: 4-15-05

By: 
Mark S. Matkin
Reg. No. 32,268

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Form PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. MI22-2457	SERIAL NO. 10/735,355
O I P LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT: Zhongze Wang	
		FILING DATE December 12, 2003	GROUP 2811



*Examiner's Initials		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	AA	6,048,411	4/2000	Henley et al.			
	AB	6,071,783	6/2000	Liang et al.			
	AC	6,091,076	7/2000	Deleonibus			
	AD	6,245,729	2/2002	Maszara			
	AE	6,346,729	2/2002	Liang et al.			
	AF	6,358,791	3/2002	Hsu et al.	EV549572095		
	AG	6,403,485	6/2002	Quek et al.			
	AH	6,649,959	11/2003	Hsu et al.			
	AI	6,664,146	12/2003	Yu			
	AJ	2002/004884	4/2002	Sakaguchi			
	AK	2002/0034844	3/2002	Yusukawa			
	AL	10/924,776		Ford			08/25/2004

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)		
	AM	Bashir et al., <i>Characterization of sidewall defects in selective epitaxial growth of silicon</i> , 13 J. VAC. SCI. TECHNOL. B, No. 3, pp. 923-927 (May/June 1995).
	AN	Bashir et al., <i>Reduction of sidewall defect induced leakage currents by the use of nitrided field oxides in silicon selective epitaxial growth</i> ..., 18 J. Vac. Sci. Technol. B, No. 2, pp. 695-699 (March/April 2000).
	AO	Hammad et al., <i>The Pseudo-Two-Dimensional Approach to Model the Drain Section in SOI MOSFETs</i> , 48 IEEE TRANSACTIONS ON ELECTRON DEVICES, No. 2, pp. 386-387 (February 2001).
	AP	Sivagnanam et al., <i>Stand-by Current in PD-SOI Pseudo-nMOS Circuits</i> , IEEE, pp. 95-96 (2003)
	AQ	Wang et al., <i>Achieving Low Junction Capacitance on Bulk Si MOSFET Using SDOI Process</i> , Micron Technology, Inc., 12 pages (pre-2004).
EXAMINER	DATE CONSIDERED	
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		